

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In r the Application of

Inv ntors: Yuichiro YAMADA, et al. Prior Art Unit: 2826
S rial No.: Division. App. of Prior Examiner: L. ANDUJAR
Serial No. 09/972,884
filed October 10, 2001
Fil d: July 11, 2003
For: SEMICONDUCTOR CHIP, WIRING BOARD AND MANUFACTURING
PROCESS THEREOF AS WELL AS SEMICONDUCTOR DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Assistant Commissioner of Patents
Washington, D. C. 20231

Sir:

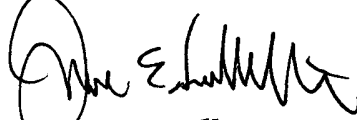
Pursuant to 37 C.F.R. §1.56, applicants hereby call to the
att ntion of the Patent and Trademark Office the references listed on
the attached List of References. All of these references are of record
in the parent application; copies need not be submitted (see 37 CFR
§1.98(d)). This list of references is being provided to ensure listing
of these references on a patent to issue in this application in
accordance with the following paragraph of MPEP 609:

"A citation on form PTO-1449 and considered by the
Examiner...will be printed on the patent."

Applicants present these references so that the Patent and
Trademark Office may, in the first instance, determine any relevancy
ther of to the presently claim d invention; see Beckman Instruments,
Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th
Cir., 1970). Also see Patent Offic Rules 104 and 106.

Applicants respectfully request that these references be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



Date: July 11, 2003

James E. Ledbetter
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JEL/spp

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FORM PTO-1449 U.S. Department of Commerce
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

L8462.01108A

DIVISION OF SERIAL NO.

09/972,884

APPLICANT

Yuichiro YAMADA, et al.

FILING DATE

July 11, 2003

PRIOR GROUP

2826

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3 7 6 1 7 8 2	09/1973	Youmans, Albert P.			
	3 6 4 8 1 3 1	03/1972	Stubby, Kenneth P.			
	5 1 2 2 8 5 6	06/1992	Komiya, Yoshio			
	6 1 8 7 6 1 5	02/2001	Kim et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
0 8 2 6 4 7 1 2	10/1996	JP			Abstract
9 9 1 0 9 2 5	03/1999	WO			
0 5 0 7 5 0 1 4	03/1993	JP			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Japanese Office Action dated February 3, 2003 with English translation.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.